

COPY FOR CONTINUING APPLICATION

JUL 30 2001 3:14PM '01 PM TTC PALO ALTO

FAX NO. 7818621029 NO. 5270 P. 2. 02

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07/30/01

PATENT APPLICATION
Docket No.: 18547-036730 (2719.2032-000)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stephen P.A. Fodor, Michael L. Pirrung, Lubert Stryer and J. Leighton Read

Serial No.: 09/465,126 Group Art Unit: 1655

Filed: December 17, 1999 Examiner: Zitomer, S.

For: Very Large Scale Immobilized Polymer Synthesis

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage at First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231		
on	7/30/01	Denise Caredeo
Date	Signature	
Denise Caredeo		
Typed or printed name of person signing certificate		

ASSOCIATE POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

An Associate Power of Attorney is hereby granted to Lisa M. Treannie, Registration No. 41,368, in the above-identified application.

Please send all correspondence to Lisa M. Treannie, Esq., Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421-4799. Please direct all telephone calls to Lisa M. Treannie at (781) 861-6240.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By J. Liebeschuetz
Joe Liebeschuetz
Registration No. 37,505
Telephone (650) 326-2400

Palo Alto, California 94301-1431
Date: July 30, 2001

COPY FOR CONTINUING APPLICATION

Attorney Docket No. 1000.2A1

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ARRAYS OF MATERIALS ATTACHED TO A SUBSTRATE (as amended) the specification of which is attached hereto or X was filed on June 6, 1995 as Application No. 08/466,63 and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u> </u> No <u> </u>
			Yes <u> </u> No <u> </u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided in the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national PCT international filing date of this application:

Application No.	Date of Filing	Status
08/390,272	2/16/95	<u>X</u> Patented Pending Abandoned
07/624,120	12/6/90	Patented Pending <u>X</u> Abandoned
07/492,462	3/7/90	<u>X</u> Patented Pending Abandoned
07/362,901	6/7/89	Patented Pending <u>X</u> Abandoned
08/456,887	6/1/95	Patented <u>X</u> Pending Abandoned
07/954,646	9/30/92	<u>X</u> Patented Pending Abandoned
07/850,356	3/12/92	<u>X</u> Patented Pending Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute my application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483
Nancy J. DeSantis, Reg. No. 37,608
Joe Liebeschuetz, Reg. No. 37,505
William M. Smith, Reg. No. 30,223

Send Correspondence to: AFFYMETRIX, INC. 3380 Central Expressway Santa Clara, CA 95051	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Nancy J. DeSantis Reg. No.: 37,608 Telephone: (408) 731-5000
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Full Name of Inventor 1	Last Name FODOR	First Name STEPHEN	Middle Name or Initial P.A.	
Residence & Citizenship	City PALO ALTO	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1120 Parkison	City Palo Alto	State/Country CA	Zip Code 94301
Full Name of Inventor 2	Last Name STRYER	First Name LUBERT	Middle Name or Initial	
Residence & Citizenship	City STANFORD	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 843 Sonoma Terrace	City Palo Alto	State/Country CA	Zip Code 94305
Full Name of Inventor 3	Last Name READ	First Name J.	Middle Name or Initial LEIGHTON	
Residence & Citizenship	City PALO ALTO	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1001 Romona	City Palo Alto	State/Country CA	Zip Code 94301
Full Name of Inventor 4	Last Name PIRRUNG	First Name MICHAEL	Middle Name or Initial C.	
Residence & Citizenship	City DURHAM	State/Foreign Country NC	Country of Citizenship US	
Post Office Address	Post Office Address 3421 Cottonwood	City Durham	State/Country NC	Zip Code 27707

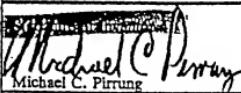
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Stephen P.A. Fodor	Signature of Inventor 2  Lubert Stryer	Signature of Inventor 3  J. Leighton Read
Date 19 October 1997	Date 19 October 1997	Date
Signature of Inventor 4  Michael C. Pirrung		
Date	Date	Date

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DRAFT 1993-0803

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Stephen P.A. Fodor	Lubert Suyer	J. Leighton Read
Date	Date	Date
 Michael C. Pirnig		
12/31/97	Date	Date

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Stephen P.A. Fodor	Lubert Stryer	J. Leighton Read
Date	Date	10/15/97
Signature of Inventor 4		
Michael C. Pirrung		
Date	Date	Date

DPW7 5/96

1003355-122801

COPIED CONTINUING APPLICATION
DECLARATION AND POWER OF ATTORNEYDUY-CO
ATTORNEY DOCKET NO.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMPROVED POLYMER SYNTHESIS

the specification of which is attached hereto or was filed on December 6, 1990 as Application Serial No. 521,120 and was amended on _____ [if applicable].

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §112 or any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. 119.
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	DATE OF FILING	STATUS
492,462	March 7, 1990	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
362,901	June 7, 1989	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) who are partners and associates in the firm of Townsend and Townsend to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483
William M. Smith, Reg. No. 30,223

SEND CORRESPONDENCE TO:	Vern Norviel TOWNSEND and TOWNSEND Stuart Street Tower, One Market Plaza San Francisco, CA 94105	DIRECT TELEPHONE CALLS TO: (name, registration number, and telephone number)
		Vern Norviel, Reg. No. 32,483 <input type="checkbox"/> (415) 543-9600 or <input checked="" type="checkbox"/> (415) 326-2400

FULL NAME INVENTOR	Last Name FODOR	First Name STEPHEN	Middle Name or Initial P.A.
RESIDENCE & CITIZENSHIP	City Palo Alto	State or Foreign Country California	Country of Citizenship U.S.A.
POST OFFICE ADDRESS	Post Office Address 3863 Nathan Way,	City Palo Alto,	State or Country California
			Zip Code 94303
FULL NAME OF INVENTOR	Last Name STRYER	First Name LUBERT	Middle Name or Initial —
RESIDENCE CITIZENSHIP	City Stanford	State or Foreign Country California	Country of Citizenship U.S.A.
POST OFFICE ADDRESS	Post Office Address 843 Sonoma Terrace,	City Stanford,	State or Country California
			Zip Code 94305
FULL NAME OF INVENTOR	Last Name WINKLER	First Name JAMES	Middle Name or Initial L.
RESIDENCE & CITIZENSHIP	City Palo Alto	State or Foreign Country California	Country of Citizenship U.S.A.
POST OFFICE ADDRESS	Post Office Address 2140 Ash Street,	City Palo Alto,	State or Country California
			Zip Code 94306

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201

Stephen P.A. Fodor

Signature of Inventor 202

Lubert Stryer

Signature of Inventor 203

James Winkler

DECLARATION AND POWER OF ATTORNEY

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMPROVED POLYMER SYNTHESIS

The specification of which is attached hereto or was filed on December 6, 1990 as Application Serial No. 524,220 and was surrendered on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	DATE OF FILING	STATUS
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362,901	June 7, 1989	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) who are partners and associates in the firm of Townsend and Townsend to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483
William M. Smith, Reg. No. 30,223

SEND CORRESPONDENCE TO:	Vern Norviel TOWNSEND and TOWNSEND Stuart Street Tower, One Market Plaza San Francisco, CA 94105	DIRECT TELEPHONE CALLS TO: (name, registration number, and telephone number) Vern Norviel, Reg. No. 32,483 <input type="checkbox"/> (415) 543-9600 or <input checked="" type="checkbox"/> (415) 326-2400
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201	FULL NAME OF INVENTOR Last Name HOLMES	First Name CHRISTOPHER	Middle Name or Initial P.	
202	RESIDENCE City Sunnyvale	State or Foreign Country California	Country of Citizenship U.S.A.	
203	CITIZENSHIP Post Office Address 521 Pine Avenue,	City Sunnyvale,	State or Country California	Zip Code 94086
204	FULL NAME OF INVENTOR Last Name SOLAS	First Name DENNIS	Middle Name or Initial W.	
205	RESIDENCE & CITIZENSHIP City San Francisco	State or Foreign Country California	Country of Citizenship U.S.A.	
206	POST OFFICE ADDRESS Post Office Address 50 Gardenside Dr., #13, San Francisco,	City San Francisco	State or Country California	Zip Code 94131
207	FULL NAME OF INVENTOR Last Name	First Name	Middle Name or Initial	
208	RESIDENCE City	State or Foreign Country	Country of Citizenship	
209	CITIZENSHIP Post Office Address	City	State or Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201 Date 1/25/91	Signature of Inventor 202 Date 1/14/91	Signature of Inventor 203 Date
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